

## Refine Search

### Search Results -

Terms	Documents
L7 and (560/\$ or 252/\$ or 502/\$ or 44/\$ or 524/\$)	34

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L8





### Search History

**DATE:** Friday, December 01, 2006

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**Set**
**Name Query**

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Name  
result set**
*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L8</u>	L7 and (560/\$ or 252/\$ or 502/\$ or 44/\$ or 524/\$)	34	<u>L8</u>
<u>L7</u>	L6 and liquid	154	<u>L7</u>
<u>L6</u>	L5 and ionic\$6	165	<u>L6</u>
<u>L5</u>	L4 and composition	283	<u>L5</u>
<u>L4</u>	L3 or l2	291	<u>L4</u>
<u>L3</u>	l1 and (docusate or \$4ethylhexyl\$1sulfosuccinate diester)	258	<u>L3</u>
<u>L2</u>	l1 and butyl\$3methylimidazolium	33	<u>L2</u>
<u>L1</u>	QUATERNARY AMMONIUM or quaternary phosphonium or quaternary sulfonium	131017	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 10 of 34 returned.

☐ 1. Document ID: US 20060073333 A1

L8: Entry 1 of 34

File: PGPB

Apr 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060073333

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060073333 A1

TITLE: Coated particles, methods of making and using

PUBLICATION-DATE: April 6, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Anderson; David

Colonial Heights

VA

US

US-CL-CURRENT: 428/402.2; 252/299.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20060034937 A1

L8: Entry 2 of 34

File: PGPB

Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060034937

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060034937 A1

TITLE: Solid carriers for improved delivery of active ingredients in pharmaceutical compositions

PUBLICATION-DATE: February 16, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Patel; Mahesh

Salt Lake City

UT

US

US-CL-CURRENT: 424/497

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20050131118 A1

L8: Entry 3 of 34

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050131118  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050131118 A1

TITLE: Ionic liquids containing a sulfonate anion

PUBLICATION-DATE: June 16, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Moulton, Roger	Austin	TX	US
Davis, James H. JR.	Mobile	AL	US

US-CL-CURRENT: 524/158; 560/14, 560/150

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 4. Document ID: US 20050095294 A1

L8: Entry 4 of 34

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050095294  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050095294 A1

TITLE: Modafinil modified release pharmaceutical compositions

PUBLICATION-DATE: May 5, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Parikh, Alpa	Avondale	PA	US
Patel, Piyush	Wallingford	PA	US

US-CL-CURRENT: 424/470; 514/618

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 5. Document ID: US 20040096932 A1

L8: Entry 5 of 34

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040096932  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040096932 A1

TITLE: Enzyme catalysis in the presence of ionic liquids

PUBLICATION-DATE: May 20, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kragl, Udo	Kritzmow		DE
Kaftzik, Nicole	Brohl		DE
Schofer, Sonja	Langenfeld		DE
Wasserscheid, Peter	Koeln		DE

US-CL-CURRENT: 435/41; 252/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20040026666 A1

L8: Entry 6 of 34

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040026666

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040026666 A1

TITLE: Imidazolium salts and their use of these ionic liquids as a solvent

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chauvin, Yves	Tours		FR
Magna, Lionel	Hyerres		FR
Niccolai, Gerarld Peter	Villeurbanne		FR
Basset, Jean-Marie	Caluire		FR

US-CL-CURRENT: 252/364

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20030215496 A1

L8: Entry 7 of 34

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215496

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030215496 A1

TITLE: Solid carriers for improved delivery of active ingredients in pharmaceutical compositions

PUBLICATION-DATE: November 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Patel, Mahesh V.	Salt Lake City	UT	US
Chen, Feng-Jing	Salt Lake City	UT	US

US-CL-CURRENT: 424/452; 424/468

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 8. Document ID: US 20030180352 A1

L8: Entry 8 of 34

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180352  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030180352 A1

TITLE: Solid carriers for improved delivery of active ingredients in pharmaceutical compositions

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Patel, Mahesh V.	Salt Lake City	UT	US
Chen, Feng-Jing	Salt Lake City	UT	US

US-CL-CURRENT: 424/465; 514/338

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 9. Document ID: US 20030064097 A1

L8: Entry 9 of 34

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064097  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030064097 A1

TITLE: SOLID CARRIERS FOR IMPROVED DELIVERY OF HYDROPHOBIC ACTIVE INGREDIENTS IN PHARMACEUTICAL COMPOSITIONS

PUBLICATION-DATE: April 3, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Patel, Mahesh V.	Salt Lake City	UT	US
Chen, Feng-Jing	Salt Lake City	UT	US

US-CL-CURRENT: 424/465

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 10. Document ID: US 20010049398 A1

L8: Entry 10 of 34

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010049398

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010049398 A1

TITLE: Catalytic composition and process for the catalysis of dimerization  
codimerization and oligomerization of olefins

PUBLICATION-DATE: December 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Olivier-Bourbigou, Helene	Rueil Malmaison		FR
Commereuc, Dominique	Meudon		FR
Harry, Stephane	Montesson		FR

US-CL-CURRENT: 518/715; 502/162

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 11. Document ID: US 7141250 B2

L8: Entry 11 of 34

File: USPT

Nov 28, 2006

US-PAT-NO: 7141250

DOCUMENT-IDENTIFIER: US 7141250 B2

TITLE: Pharmaceutical formulation containing bittering agent

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030064099 A1

April 3, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 12. Document ID: US 7119937 B2

L8: Entry 12 of 34

File: USPT

Oct 10, 2006

US-PAT-NO: 7119937

DOCUMENT-IDENTIFIER: US 7119937 B2

TITLE: Durable electrooptic devices comprising ionic liquids

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050162728 A1

July 28, 2005

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 13. Document ID: US 7105229 B2

L8: Entry 13 of 34

File: USPT

Sep 12, 2006

US-PAT-NO: 7105229

DOCUMENT-IDENTIFIER: US 7105229 B2

TITLE: Coated particles, methods of making and using

PRIOR-PUBLICATION:

DOC-ID

US 20060073333 A1

DATE

April 6, 2006

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 6991809 B2

L8: Entry 14 of 34

File: USPT

Jan 31, 2006

US-PAT-NO: 6991809

DOCUMENT-IDENTIFIER: US 6991809 B2

TITLE: Particles with improved solubilization capacity

PRIOR-PUBLICATION:

DOC-ID

US 20030022242 A1

DATE

January 30, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 15. Document ID: US 6961168 B2

L8: Entry 15 of 34

File: USPT

Nov 1, 2005

US-PAT-NO: 6961168

DOCUMENT-IDENTIFIER: US 6961168 B2

TITLE: Durable electrooptic devices comprising ionic liquids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 16. Document ID: US 6924253 B2

L8: Entry 16 of 34

File: USPT

Aug 2, 2005

US-PAT-NO: 6924253

DOCUMENT-IDENTIFIER: US 6924253 B2

TITLE: Scale removal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 17. Document ID: US 6923988 B2

L8: Entry 17 of 34

File: USPT

Aug 2, 2005

US-PAT-NO: 6923988



DOCUMENT-IDENTIFIER: US 6923988 B2

TITLE: Solid carriers for improved delivery of active ingredients in pharmaceutical compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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☐ 18. Document ID: US 6630112 B2

L8: Entry 18 of 34

File: USPT

Oct 7, 2003

US-PAT-NO: 6630112

DOCUMENT-IDENTIFIER: US 6630112 B2

TITLE: Process and unit for carrying out a reaction on an organic feed, such as dimerization or metathesis, in the presence of a polar phase containing a catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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☐ 19. Document ID: US 6576724 B2

L8: Entry 19 of 34

File: USPT

Jun 10, 2003

US-PAT-NO: 6576724

DOCUMENT-IDENTIFIER: US 6576724 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Catalytic composition and process for the catalysis of dimerization codimerization and oligomerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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☐ 20. Document ID: US 6569463 B2

L8: Entry 20 of 34

File: USPT

May 27, 2003

US-PAT-NO: 6569463

DOCUMENT-IDENTIFIER: US 6569463 B2

TITLE: Solid carriers for improved delivery of hydrophobic active ingredients in pharmaceutical compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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34

524/\$)	
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☐ 21. Document ID: US 6514524 B1

L8: Entry 21 of 34

File: USPT

Feb 4, 2003

US-PAT-NO: 6514524

DOCUMENT-IDENTIFIER: US 6514524 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Orally administerable immediate-release and prolonged-release galenic form comprising an absorption-promoting agent and use of this absorption-promoting agent

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 22. Document ID: US 6444866 B1

L8: Entry 22 of 34

File: USPT

Sep 3, 2002

US-PAT-NO: 6444866

DOCUMENT-IDENTIFIER: US 6444866 B1

TITLE: Sequence of processes for olefin oligomerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 23. Document ID: US 6426087 B1

L8: Entry 23 of 34

File: USPT

Jul 30, 2002

US-PAT-NO: 6426087

DOCUMENT-IDENTIFIER: US 6426087 B1

TITLE: Orally administrable immediate-release and prolonged-release galenic form comprising an absorption-promoting agent and use of this absorption-promoting agent

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 24. Document ID: US 6284937 B1

L8: Entry 24 of 34

File: USPT

Sep 4, 2001

US-PAT-NO: 6284937

DOCUMENT-IDENTIFIER: US 6284937 B1

TITLE: Process and unit for carrying out a reaction on an organic feed, such as dimerisation or metathesis, in the presence of a polar phase containing a catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 25. Document ID: US 6248363 B1

L8: Entry 25 of 34

File: USPT

Jun 19, 2001

US-PAT-NO: 6248363

DOCUMENT-IDENTIFIER: US 6248363 B1

TITLE: Solid carriers for improved delivery of active ingredients in pharmaceutical compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 26. Document ID: US 6040263 A

L8: Entry 26 of 34

File: USPT

Mar 21, 2000

US-PAT-NO: 6040263

DOCUMENT-IDENTIFIER: US 6040263 A

TITLE: Catalytic composition based on transition metal complexes, and a process for the hydrogenation of unsaturated compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 27. Document ID: US 5852130 A

L8: Entry 27 of 34

File: USPT

Dec 22, 1998

US-PAT-NO: 5852130

DOCUMENT-IDENTIFIER: US 5852130 A

TITLE: Catalytic composition based on transition metal complexes, and a process for the hydrogenation of unsaturated compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 28. Document ID: US 5766628 A

L8: Entry 28 of 34

File: USPT

Jun 16, 1998

US-PAT-NO: 5766628

DOCUMENT-IDENTIFIER: US 5766628 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Bath and shower composition having vesicle-forming properties and method for the production and use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 29. Document ID: US 5648399 A

L8: Entry 29 of 34

File: USPT

Jul 15, 1997

US-PAT-NO: 5648399

DOCUMENT-IDENTIFIER: US 5648399 A

TITLE: Liquid polymer composition and method of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 30. Document ID: US 5502018 A

L8: Entry 30 of 34

File: USPT

Mar 26, 1996

US-PAT-NO: 5502018

DOCUMENT-IDENTIFIER: US 5502018 A

TITLE: Nickel-containing composition for catalysis and olefin dimerisation and oligomerisation process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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L7 and (560/\$ or 252/\$ or 502/\$ or 44/\$ or 524/\$)	34

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Search Results - Record(s) 31 through 34 of 34 returned.

☐ 31. Document ID: US 5438076 A

L8: Entry 31 of 34

File: USPT

Aug 1, 1995

US-PAT-NO: 5438076

DOCUMENT-IDENTIFIER: US 5438076 A

TITLE: Liquid polymer composition, and method of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 32. Document ID: US 5330746 A

L8: Entry 32 of 34

File: USPT

Jul 19, 1994

US-PAT-NO: 5330746

DOCUMENT-IDENTIFIER: US 5330746 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Dental varnish composition, and method of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 33. Document ID: US 4731210 A

L8: Entry 33 of 34

File: USPT

Mar 15, 1988

US-PAT-NO: 4731210

DOCUMENT-IDENTIFIER: US 4731210 A

TITLE: Process for the preparation of liposomal medicaments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 34. Document ID: US 4438052 A

L8: Entry 34 of 34

File: USPT

Mar 20, 1984

US-PAT-NO: 4438052

DOCUMENT-IDENTIFIER: US 4438052 A

TITLE: Process and device for producing bilayer vesicles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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Terms	Documents
L7 and (560/\$ or 252/\$ or 502/\$ or 44/\$ or 524/\$)	34

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Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 10041-19-7 and ( quaternary ammonium or phosphonium or sulfonium)

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L3 323 L2

129594 QUATERNARY

377587 AMMONIUM

64151 QUATERNARY AMMONIUM

(QUATERNARY(W) AMMONIUM)

16129 PHOSPHONIUM

9381 SULFONIUM

L4 41 L3 AND ( QUATERNARY AMMONIUM OR PHOSPHONIUM OR SULFONIUM)

=> s l4 and py<2002

21842474 PY<2002

L5 10 L4 AND PY<2002

=> d 1-10 ibib abs hitstr

L5 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:77981 CAPLUS

DOCUMENT NUMBER: 142:162662

TITLE: Nanoparticulate glipizide compositions

INVENTOR(S): Bosch, H. William; Ryde, Niels P.

PATENT ASSIGNEE(S): Elan Pharma International Limited, USA

SOURCE: U.S. Pat. Appl. Publ., 24 pp., Cont.-in-part of U.S.  
Ser. No. 276,400.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 18

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005019412	A1	20050127	US 2003-701064	20031105
US 2002012675	A1	20020131	US 1999-337675	19990622
WO 2001087264	A2	20011122	WO 2001-US15983	20010518 <--
WO 2001087264	A3	20020620		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			



US 2004013613  
PRIORITY APPLN. INFO.:

US 1998-164351

US 1999-337675

WO 2001-US15983

US 2003-276400

US 2000-572961

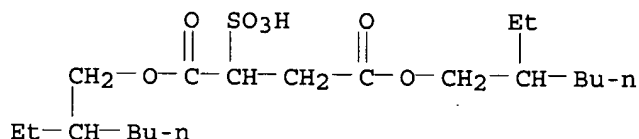
AB The present invention is directed to nanoparticulate comps. comprising glipizide. The glipizide particles of the composition preferably have an effective average particle size of  $<2 \mu$ . Thus, a formulation contained spray-dried glipizide 5.33, mannitol 13.47, xylitol 40.53, citric acid 19.60, sodium bicarbonate 19.33, Asparatme 0.28, PEG-4000 0.93, and sodium stearyl fumarate 0.53%.

IT 10041-19-7, Dioctylsulfosuccinate

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(nanoparticulate glipizide compns.)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:652447 CAPLUS

DOCUMENT NUMBER: 141:179653

TITLE: Novel nimesulide compositions

INVENTOR(S) : Bosch, H. William; Wertz, Christian F.

PATENT ASSIGNEE(S) : Elan Pharma International Ltd., USA

SOURCE: U.S. Pat. Appl., 27 pp., Cont.-in-part of U.S. Ser. No. 276,400.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 18

PATENT INFORMATION:

PATENT NO.

US 2004156872

US 6316029

US 2004013613

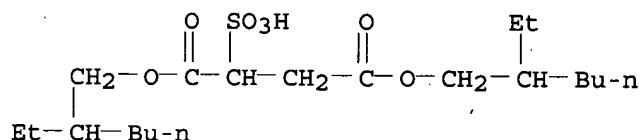
PRIORITY APPLN. INFO.:

US 2003-276400

WO 2001-US15983

AB The present invention provides nanoparticulate nimesulide compns. The compns. preferably comprise nimesulide and at least one surface stabilizer adsorbed on or associated with the surface of the nimesulide particles. The nanoparticulate nimesulide particles preferably have an effective average particle size of less than about 2000 nm. The composition further comprises one or more addnl. compds., e.g., an analgesic, an anti-inflammatory agent, an antipyretic, a vasomodulator, etc. The invention also provides methods of making and using nanoparticulate nimesulide compns. For example, nimesulide nanoparticles were prepared by combining 0.85 g of Plasdone S-630 dissolved in 79.9 g of water (1% weight/weight) as a surface stabilizer with 4.25 g nimesulide (5% weight/weight) and PolyMill-200 Polystyrene Milling Media and milling for 1 h at 4200 rpm with chilled water (10°) recirculated through the milling chamber. The process yielded a colloidal dispersion of nimesulide with a mean particle size of

150 nm, a D50 of 124 nm, a D90 of 256 nm, and a D95 of 293 nm.  
 IT 10041-19-7, Dioctyl sulfosuccinate  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (nimesulide nanoparticulate compns. comprising surface stabilizer)  
 RN 10041-19-7 CAPLUS  
 CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:559505 CAPLUS

DOCUMENT NUMBER: 135:143908

TITLE: Acidic galvanic nickel bath and procedure for electrodeposition of satin-bright nickel or nickel alloy coating

INVENTOR(S): Schulz, Klaus-Dieter; Dahms, Wolfgang; Weide, Holger

PATENT ASSIGNEE(S): Atotech Deutschland G.m.b.H., Germany

SOURCE: Ger., 10 pp.

CODEN: GWXXAW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

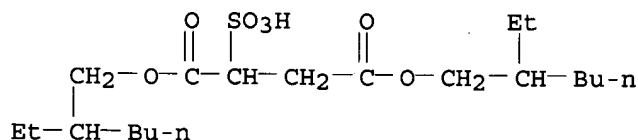
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10025552	C1	20010802	DE 2000-10025552	20000519 <--
CA 2407157	AA	20011122	CA 2001-2407157	20010509 <--
WO 2001088227	A1	20011122	WO 2001-EP5286	20010509 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1287184	A1	20030305	EP 2001-949330	20010509
EP 1287184	B1	20060201		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
ES 2256268	T3	20060716	ES 2001-1949330	20010509
TW 226911	B1	20050121	TW 2001-90111179	20010510
US 2003159940	A1	20030828	US 2003-276090	20030317
US 6919014	B2	20050719		
HK 1051223	A1	20060324	HK 2003-103339	20030513
PRIORITY APPLN. INFO.: DE 2000-10025552 A 20000519				
WO 2001-EP5286 W 20010509				

AB To obtain the satin-bright Ni electroplates various bath addns. were suggested in the past; the deposition of the electroplates with even satin-brightness was not possible for a long period. The new bath allowing to solve this problem contained a sulfo succinic acid ester with the general formula of K-SO<sub>3</sub>-CH(CH<sub>2</sub>-COO-R<sub>2</sub>)-COO-R<sub>1</sub> addnl. to a quaternary ammonium compound ( where R<sub>1</sub>, R<sub>2</sub> = H, an alkali metal, alkaline earth metal, ammonium ion, C1-C18 Group and R<sub>1</sub> and R<sub>2</sub> could be

the same or various, and K+ = H, an alkali metal, alkaline earth metal or ammonium ion).

IT 10041-19-7, Dioctyl sulfosuccinate  
RL: NUU (Other use, unclassified); USES (Uses)  
(acidic galvanic nickel bath and procedure for electrodeposition of  
satin-bright nickel or nickel alloy coating)  
RN 10041-19-7 CAPLUS  
CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX  
NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1998:793069 CAPLUS  
DOCUMENT NUMBER: 130:43349  
TITLE: Disinfection by particle-bound and insolubilized  
detergents  
INVENTOR(S): Shanbrom, Edward  
PATENT ASSIGNEE(S): Shanbrom Technologies, LLC, USA  
SOURCE: PCT Int. Appl., 27 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9853860	A1	19981203	WO 1998-US11376	19980529 <--
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 2003039673	A1	20030227	US 1997-866284	19970530
US 6610316	B2	20030826		
AU 9877205	A1	19981230	AU 1998-77205	19980529 <--
EP 1011740	A1	20000628	EP 1998-925201	19980529 <--
EP 1011740	B1	20020320		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
AT 214618	E	20020415	AT 1998-925201	19980529
PRIORITY APPLN. INFO.:				
			US 1997-866284	A 19970530
			WO 1998-US11376	W 19980529

AB A detergent such as nonionic, cationic or anionic detergents and preferably a "sugar detergent" such as octyl-glucopyranoside is rendered insol. by being bound to an inert substrate. This detergent is effective at inactivating pathogens even when so bound. Under these conditions the concentration of detergent-free in solution is vanishingly low: probably below one millimolar in concentration. Addition of insol. detergent results in effective destruction of enveloped viruses in a variety of protein containing solns. such as blood, plasma, clotting factors or other proteins purified from human blood. Because the detergent is essentially entirely bound to the solid substrate, there is little or no difficulty in ensuring that the end product is detergent-free. Because the detergent is so bound, it causes essentially no damage to proteins, blood cells and other cellular

material. To 10 mL aliquots of 5 mM n-octyl-β-D-glucopyranoside was added 20 mL of calbisorb resin and incubated for 60 min at room temperature

To

above mixture was added 10 mL of blood spiked with vesicular stomatitis virus and incubated for 24 h. There was no hemolysis and the resin showed antiviral effects.

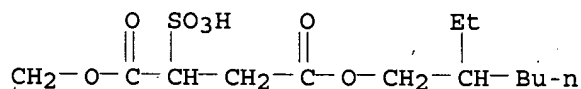
IT 10041-19-7, Dioctylsulfosuccinate

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(disinfection by particle-bound and insolubilized detergents)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



Et-CH-Bu-n

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:166894 CAPLUS

DOCUMENT NUMBER: 128:248331

TITLE: Skin2 - an in vitro human skin model: the correlation between in vivo and in vitro testing of surfactants

AUTHOR(S): Demetrulias, Janis; Donnelly, Tracy; Morhenn, Vera; Jessee, Bret; Hainsworth, Sharon; Casterton, Phil; Bernhofer, Lauren; Martin, Katharine; Decker, Denise  
CORPORATE SOURCE: Technikos Research Associates, Scottsdale, AZ, 85260, USA

SOURCE: Experimental Dermatology (1998), 7(1), 18-26  
CODEN: EXDEEY; ISSN: 0906-6705

PUBLISHER: Munksgaard International Publishers Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The availability of an in vitro test system to replace animal testing of potential irritants is becoming more and more urgent especially in Europe as a consequence of the European Community Cosmetics Directive. To evaluate the ability of Advanced Tissue Sciences' (ATS) ZK1301 skin model to predict the skin irritation potential of surfactants, the authors performed a pilot validation study utilizing four different labs. The in vitro protocol was designed as a quant. pre-screen for the clin. patch studies. Sixteen substances, representing various surfactant categories and ranges of irritation potential, were tested. The 3-[4,5-Dimethylthiazol-2-yl]-2,5-diphenyltetrazolium bromide (MTT) assay was used to quantitate viability in vitro. The authors documented the viability of tissues exposed to unknown substances for specific periods. The in vitro results were calculated as percent distilled water controls (DWC). The time required to reduce the viability of each tissue to 50% of the distilled water controls (T50) was compared to mean erythema and edema scores from the clin. studies by Pearson's correlation. The individual labs. demonstrated coeffs. of 0.72. The results indicated that the 30 min percent untreated control values best predicted the 24 h clin. patch scores. No statistically significant interlab variability was found. Only one false neg. was seen when non/mild and moderate/severe irritant categories were assigned according to the in vitro scores. These results demonstrate that the skin2 in vitro test system may serve as a good screening method prior to clin. patch studies.

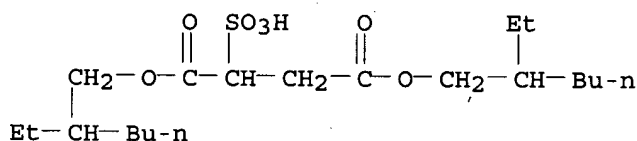
IT 10041-19-7, Dioctyl sulfosuccinate

RL: BPR (Biological process); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); PROC (Process); USES (Uses)

(correlation between in vivo and in vitro testing of surfactants in human skin model)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:251099 CAPLUS

DOCUMENT NUMBER: 126:239908

TITLE: Cleaning and disinfecting compositions with electrolytic disinfecting booster

INVENTOR(S): Barger, Bruce; Wierenga, Thomas James

PATENT ASSIGNEE(S): Procter & Gamble Company, USA; Barger, Bruce; Wierenga, Thomas James

SOURCE: PCT Int. Appl., 25 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9706237	A1	19970220	WO 1996-US12191	19960729 <--
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA			
CA 2228626	AA	19970220	CA 1996-2228626	19960729 <--
CA 2228626	C	20010605		
AU 9667134	A1	19970305	AU 1996-67134	19960729 <--
AU 716149	B2	20000217		
EP 843721	A1	19980527	EP 1996-927252	19960729 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI			
BR 9610067	A	19990302	BR 1996-10067	19960729 <--
JP 11510539	T2	19990914	JP 1996-508455	19960729 <--
TW 379251	B	20000111	TW 1996-85112194	19961005 <--
US 6255270	B1	20010703	US 1999-11516	19990412 <--
PRIORITY APPLN. INFO.:			US 1995-2056P	P 19950809
			WO 1996-US12191	W 19960729

OTHER SOURCE(S): MARPAT 126:239908

AB Disclosed are mildly acidic liquid hard surface cleaning concentrated comps. comprising: a) from 0.5 to 40 parts of an amine oxide detergent; preferably 1 to 25 parts; b) from 1 to 30 parts of a quaternary disinfectant; preferably 2 to 16 parts; c) an effective amount of an acidifying agent; preferably 0.05 part to 10 parts; and d) an effective amount of an electrolytic disinfecting booster; preferably 0.5 to 12 parts.

These have a pH 3-7 and when diluted with water at a ratio of concentrate to water

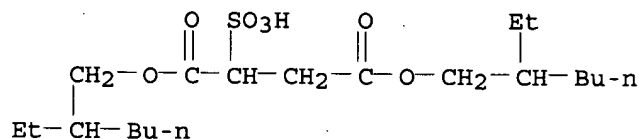
of 1:(1-600), provide superior, no-rinse ready-to-use cleaning and disinfecting compns. Alkali and alkali-earth metal salts such as LiCl, LiBr, LiNO<sub>3</sub>, NaCl, NaBr, NaI, KCl, KBr, KI, KNO<sub>3</sub>, KClO<sub>4</sub>, CaCl<sub>2</sub>, BaCl<sub>2</sub>, Na<sub>2</sub>SO<sub>4</sub>, and MgSO<sub>4</sub> are useful as the booster.

IT 10041-19-7, Dioctyl sulfosuccinate

RL: TEM (Technical or engineered material use); USES (Uses)  
(mildly acidic cleaning and disinfecting compns. with electrolytic disinfecting booster for hard surfaces)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:239922 CAPLUS

DOCUMENT NUMBER: 124:274476

TITLE: Method of regenerating electrophotographic paper and composition of solution for promoting electrophotographic toner image removal

INVENTOR(S): Kaneko, Tetsuya; Nagai, Kyofumi; Murakami, Kakuji; Kawanishi, Toshuki; Yanagisawa, Masahiro

PATENT ASSIGNEE(S): Ricoh KK, Japan; Ricoh Co., Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08030013	A2	19960202	JP 1995-135878	19950509 <--
JP 3613533	B2	20050126		

PRIORITY APPLN. INFO.: JP 1995-135878 A 19950509  
JP 1994-119529 19940509

OTHER SOURCE(S): MARPAT 124:274476

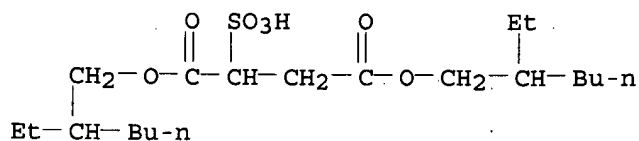
AB An image-removing promoting solution is applied on an electrophotog. toner image which is swollen and whose binding power is weakened upon application for peeling the image, wherein the solution contains an alkylsulfosuccinic acid salt. The image-forming material may be thermoplastic or heat-meltable. The alkylsulfosuccinic acid salt may be represented by R1OC(:O)CH<sub>2</sub>CH(SO<sub>3</sub>M)C(:O)OR<sub>2</sub> (R<sub>1,2</sub> = C<sub>4</sub>-14 alkyl; M = alkali metal ion, quaternary ammonium, quaternary phosphonium, alkanolamine anion).

IT 10041-19-7

RL: TEM (Technical or engineered material use); USES (Uses)  
(method of regenerating electrophotog. paper and composition of solution for promoting image removal)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1993:215053 CAPLUS

DOCUMENT NUMBER: 118:215053

TITLE: Formulations of siloxanes to protect, renew and preserve surfaces

INVENTOR(S): Parkinson, Jeff; O'Lenick, Anthony J., Jr.

PATENT ASSIGNEE(S): Siltech Inc., USA

SOURCE: U.S., 6 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5183845	A	19930202	US 1990-465986	19900116 <--
PRIORITY APPLN. INFO.:			US 1990-465986	19900116

OTHER SOURCE(S): MARPAT 118:215053

AB The comps., for treating polymers, rubbers, leather, wood, etc., comprise emulsions of di-Me siloxane, an amino-functional siloxane, a wetting agent, an emulsifier of HLB 8-11, and a C>17 quaternary ammonium compound

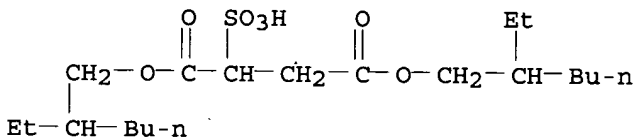
IT 10041-19-7

RL: USES (Uses)

(wetting agent, for siloxane emulsion protective finishes)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1989:176502 CAPLUS

DOCUMENT NUMBER: 110:176502

TITLE: Emulsions of liquid aromatic phosphates in water, their manufacture, and use as hydraulic fluids or metalworking lubricants

INVENTOR(S): Allsop, Brian; Sedlak, Dieter; Hassfurther, Gudrun; Sedlmayr, Benno

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 297046	A2	19881228	EP 1988-810412	19880616 <--
EP 297046	A3	19890607		
R: BE, DE, ES, FR, GB, IT, NL, SE				
AU 8818370	A1	19890105	AU 1988-18370	19880624 <--
JP 01047441	A2	19890221	JP 1988-156587	19880624 <--
ZA 8804531	A	19890329	ZA 1988-4531	19880624 <--
PRIORITY APPLN. INFO.:			GB 1987-14889	A 19870625

OTHER SOURCE(S): MARPAT 110:176502

AB The emulsions comprise (a) a water-insol. liquid phosphate of the formula [R1R2R3C6H2O]2P(:O)(OR4), where each of R1,R2 and R3 are the same or different and represent H, or a C1-9 alkyl group, or one or two of R1; R2 and R3 are C7-9 aralkyl groups and the other two are H, and R4 represents a C1-13 alkyl group or a R1R2R3C6H2 group, where in R1, R2 and R3 are as defined above, (b) >1 emulsifying agent, and (c) water. Thus, 15 parts of alkyl aryl polyglycol ether (HLB 17) was dissolved in 300 parts of water and this solution was added at room temperature, while vigorously stirring, to

585

parts of tri(isopropylated phenyl) phosphate (viscosity 120 mm2/s at 25°) containing 10 parts of glycerol trioleate and 15 parts of an organopolysiloxane as foam inhibitor. Subsequently water was added with stirring to top up the volume of emulsion to 1000 parts, this pre-emulsion was then homogenized at 3 + 107 Pa and 20-30° to obtain an extremely stable emulsion.

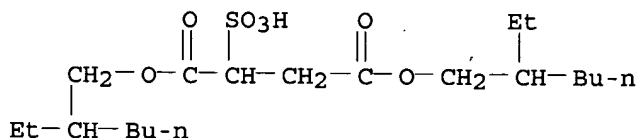
IT 10041-19-7

RL: USES (Uses)

(emulsifier, hydraulic fluid and metalworking lubricant emulsions containing, phosphate in)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1982:134907 CAPLUS

DOCUMENT NUMBER: 96:134907

TITLE: Effects of some surface-active substances on polarographic waves of thallium(I), lead(II), antimony(III) and uranium(VI) in acetate medium. Determination of thallium with electrochemical masking by dioctyl sulfosuccinate

AUTHOR(S): Hernandez-Mendez, J.; Carabias-Martinez, R.; Garcia-Garcia, J. I.

CORPORATE SOURCE: Fac. Chem., Univ. Salamanca, Salamanca, Spain

SOURCE: Analytica Chimica Acta (1981), 132, 59-67

CODEN: ACACAM; ISSN: 0003-2670

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The effects of some surface-active substances on the polarog. waves of Tl(I), Pb(II), Sb(III), and U(VI) in an acetate medium are described. The shifts observed in half-wave potentials offer several possibilities for the selective polarog. determination of these species. A method for the determination of

Tl(I) in the presence of large amts. of Sb(III) and U(VI) and commensurate amts. of Pb(II), with dioctyl sulfosuccinate, is proposed.

IT 10041-19-7



RL: ANST (Analytical study)

(as electrochem. masking agent, in determination of thallium in presence of antimony and lead and uranium by polarog.)

RN 10041-19-7 CAPLUS

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)

